

Speech between the blue (B) and green (G) agents in the first experiment

B : "I think the first idea is more interesting, it could demonstrate useful things. "

G : " I find the second idea more innovative and it has never been tested in the past."

B : "Previous research tends to suggest that the second idea could not work, that would be taking a lot of risk."

G : "Yes, but the first idea has been studied a lot in the past. The results would have less impact. "

B: "I don't agree, we could widen the spectrum of results by adding a condition. This would make the comparison more important. "

G : "It depends on the target population. And we would need a lot of participants to see a significant difference, it might be complicated at this time of the year. "

B: "It all depends on the variable being studied. With only three variables we could reduce the number of participants."

----- The conversation is reversed at this point-----

G: " Otherwise, Anna suggests integrating her project with our new ideas. I think that's pretty smart."

B: "I also think it's pretty smart. In this case, the second idea would become more innovative and it has never been tested in the past. "

G: " I think that Anna's project would fit better with the first idea. It would be more interesting and could demonstrate useful things. "

B: "Yes, but the first idea has been studied a lot in the past. The results would have less impact. "

G: "I don't agree, we could widen the spectrum of results by adding a condition. This would make the comparison more important. "

B : "It depends on the target population. And we would need a lot of participants to see a significant difference, it might be complicated at this time of the year. "

G: "It all depends on the variable being studied. With only three variables we could reduce the number of participants."

B & G : So what do you think ?

Speech to the blue (B) and green (G) agents in the second experiment (translated from French)

To B: " I think the first idea is more interesting, it could demonstrate useful things."

To G: "I find the second idea less innovative, it has already been tested in the past."

To B: " On the other hand, previous research suggests that the first idea might not work, that would be taking a lot of risk."

To G: "So even if the results of the second study would have less impact, the risk is lower."

To B: "For the first idea, we could reduce the risk by removing one condition. That would reduce the number of participants."

To G: " For the second idea, we could increase the risk by adding a condition. But we would need a lot of participants to see a significant difference."

----- The conversation is reversed at this point-----

To B: "Otherwise, Anna suggests to integrate her project with our ideas. I think that's pretty smart."

To G: " In that case, the second idea would become more interesting, it could demonstrate useful things."

To B: "I think the first idea would be less innovative, it has already been tested in the past."

To G: "On the other hand, previous research suggests that the second idea might not work, it would be taking a lot of risk."

To B: "So even if the results of the first study would have less impact, the risk is lower."

To G: "For the second idea, we could reduce the risk by removing one condition. This would reduce the number of participants."

To B: "For the first idea, we could increase the risk by adding a condition. But we would need a lot of participants to see a significant difference."